

Delayed Rotation in the Series 1,2-dihalogen
E Ethanes. Spectra of the Combined Diffusion of
Light of 1,2-dichloethane-dichloromethane in
solution, by O. L. Aronov, V. M. Tatevskiy,
A. V. Frost.

RUSSIAN thrice-mo per, Dok Ak Nauk SSSR,
Vol LX No 7, 1948, pp 1177-1180.

Res Info Sv R.607

Scientific - Chemistry

31, 212

Feb 56

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and Metals of the Third Group, by E. P. Dergunov,
3 pp. UNCLASSIFIED

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AEC Tr 2022

Scientific - Minerals/metals

9

May 53 CTS

2086

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Vol 60, #7, pp 1205-7 (1948)

Oxidation of Algalic Acid in Green Cells

P.A. Kolesnikov

K-H 1722 b

AEC J. # 894

Brookhaven

76T86

Structure of Plastids and Activity of Enzymes,
by N. M. Sisakian, A. M. Zolkover, V. I. Birguzova,
8 pp.

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Sci Tr Center
RT-3982

39,143-

Sci - Chemistry
Sep 56 CTS/alex

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Separation of Ammonia, Methyl, Dimethyl and Trimethylamine by the Method of Distributive Chromatography, by N. A. Fuks, M. A. Rappoport.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR, Vol LX, No 7, 1948, pp 1219-1221.

Res Info Sv R/612

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Scientific - Chemistry

N.Y.

31,053

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1948

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Doklady Akademii Nauk SSSR, 60(7): 1293-1296. In Russian.

Transl. for NTC, 1970. Avail. NTC as NTC no. 70-11862-060,
price HC \$7.60, MF \$5.80.

Original Article Checked. *HR*

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1, 2 Dibromethane in Solutions at Different Tempera-
tures, by O. L. Aronov, V. M. Tatevskiy, A. V. Frost.

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AEC Tr 370

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Mar 51 CTS

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A New Kind of Topochemical Reactions, by M. B.
Neyman, V. A. Shushunov

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Assoc Tech. J. J. R.
Sci Ma Lib 50/3022

Scientific - Chemistry

ATS RJ-1148
A-8443

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Catalytic Action of Glycolic Acid Upon
Oxidation of Chlorophyll in Ground Leaves,
by P. A. Kolesnikov.

RUSSIAN, per, Doklady Akad Nauk SSSR,
Vol 60, No 8, 1948, pp 1353-1355.
K-H 1722 a

AEC # 393

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Contribution to the Question of the Embryonic
Development of Ichneumonids, by N. A. Ioff.

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Sci - Biol
Apr 62

190,374

Alikhanyan, A., Vaysenberg, A. and others.
MASSENSPEKTREN VON VARITRONEN IN 3250
M HOHE UBER DEM MEERESSPIEGEL (Spektr
Mass Varitronov na Vysote 3250 m Nad Urovnem
Morya). [1961] 6p. 6 refs. [DSIR LLU] M2120 (text
in German).

Order from OTS or SLA \$1.10

61-13619

Trans. in German of Akademiya Nauk SSSR. Doklady
1948, v. 60, no. 9, p. 1515-1518.

DESCRIPTORS: *Spectrographic analysis, Measure-
ment, Light, Reflection, Oceans, Stratosphere,
Upper atmosphere.

(Earth Sciences--Oceanography, TT, v. 7, no. 6)

61-13619

- I. Alikhanyan, A.
- II. Vaysenberg, A.
- III. DSIR LLU M. 2120

7-5-61

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Slow Mesons at Heights of 900-4700 Metres,
by G. B. Zdanov, A. N. A. Naumov, 3 pp.

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No 9, 1948, ~~pp~~ p-1519.

SLA 60-13886

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Vol III, No 11

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The Nature of Narrow Atmospheric Showers, by S. A.
Kushn^d, I. L. Rosental. UNCL

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DSIR Lending Library Unit M. 185

Sci - ~~Geophys~~ Phys
Apr 59

SLA 59-19074

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The Investigation of Impulses Produced by Cosmic
Rays in Proportional Counters, by M. I. B
Podgoretskiy, M. N. Shcherbakova. UNCL

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No 9, pp 1527-1529.

SIA 59-19071

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Sci - Phys
Apr 59

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**Impulses Produced by Wide Atmospheric Showers in
Two Ionisation Chambers, by L. Raschenov, I.
Koyashev. UNCL**

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"Fundamental Principles of
alloying of Heat-Resisting Metallic Alloys"
K.A. OSIPOV.

Done in G. B. by B.S.A. Group
Research Centre.

GRC/T. 115

IA, May 1950 P. 100

RT-1959
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(no number given)

Dok Ak Nauk SSSR, Vol 60, page 1543-6 (1948)

Nature of Nondiffusive (Martensitic) Transformations,
by G. V. Kurdyumov.

AEC Trans (avail. Brookhaven)

Comparative Biochemical Study on the Contractible
Proteins of Striated Muscles at Various Stages
of Phylo- and Ontogenesis, by I. I. Ivanov.
RUSSIAN, per, Dokl Akad Nauk SSSR, Vol 60, No 3,
1948, pp 417-420.
HEW-NIH
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Sci/B & M
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Electrical Charges in the Solar Corona, by V. Kras,
7 pp.

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Sci - Astron
Mar 59

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Mass Spectra of Varitrons, by A. I. Alikhanyan, V. M. Morozov, A. I. Alikhanov, A. V. Khrimyan

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2 refs. [DSIR LLU] M2119 (text in German).
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1948, v. 61, no. 1, p. 39-42.

DESCRIPTORS: Cosmic rays, *Measurement,
*Energy.

(Nuclear Physics and Nuclear Chemistry,
TT, v. 7, no. 6)

- I. Alikhanyan, A.
- II. Vaysenberg, A.
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7-5-61

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Penetrating Particles in Wide Atmospheric
Showers, by C. T. Zatsepin, S. A. Kuchay,
I. L. Rosenthal, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI,
No 1, 1948, ~~pp~~ p 47.

SLA 60-13887

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The Relationship Between Melting Point and
Resistance of Metallic Alloys, by K. A.
Osipov. URCL

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1948, pp 71-74.

British Iron and Steel Ind
(no number given)

Sol - Min/Mot
Sop 59

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ZGONNIK. N. P.

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No. 1, pp. 95-98; 1 figure, 2 tables, 1500
words.

Structure of Binder in Corundum Abrasives.

Butcher Trans, Order No. 2530, \$ 3.00.

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Vol LXI, No 1, 3 $\frac{1}{4}$ pp, Jul 48

"Oxidation Reduction Reactions Photosensitized by
Chlorophyll and Magnesium Phthalocyanine, Which Occur
Due to an Increase in the Free Energy of the System"

A.A. Krasnovskiy

Available at Brookhaven
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Vol 2, No 3, Page 118

8/49T5

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Vol LXI, No 1, 3 $\frac{1}{2}$ pp, Jul 48

"Study of the Sorption of Water Vapors in Active Carbon"

M. M. Dubinin
Ye. D. Zaverina

Done by Def Res Bd.

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1 Aug 1940 listing

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AEC Trans #267 (Avail @ Brookhaven)

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Vol LXI, No 1, 4 pp, Jul 48

"Kinetics of the Transformation of Austenite to
Martensite at Low Temperatures"

G. V. Kurdyumov

NRL Transl. 213

Also available at Brookhaven.
See Guide to Russ Sci Per Lit,
Vol 1, No 7, Page 52

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8/49T92

DOK AK NAUK SSSR

Vol LXI, No 2, 4 pp, Jul 48

"Interrelationship of the Albumin and Ascorbic Acid in
Potato Tubers"

S. M. Frokoshev
Ye. I. Petrochenko

Sci Mus Lit-G.B.,
#50/0396

11/49T7

DOK AK NAUK SSSR

Vol LXI, No 2, 1 p, Jul 48

"Photographing the Background of Trajectories Made by
Charged Particles in an Emulsion by the Rapid Photore-
gression Method"

7273.2

G. ye. Belovitskiy
L. V. Sukhov

Natioanl Inst. of Health
Translation

On loan to OSI

11/49T87

Convergence of the Galerkin Method,
by S. G. Mikhailin.
RUSSIAN, per Akademiya Nauk SSSR, Doklady,
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SLA TT-66-10890

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Sci - Materials
Jul 67

R-5287

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S. G. Mikhlin.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, No 2,
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*JPRS/AF

Sci

May 65

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of the Background of Tracks Produced by Charged
Particles in an Emulsion, by G. E. Belovitskiy, L. V.
Sukhov, 1 p, UNCLASSIFIED

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The Content of Organic Matter in Some Waters in
the Moscow Region, by B. A. de Skopintzev, 3 pp.

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1948, pp 293-296.

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Sci - Biology
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TANNING SUBSTANCES IN PLANTS AFFECTED BY
VIRUSES. [1964] 10p
Order from K-H \$6.00

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no. 2, p. 301-304.

(Materials--Leather, TT, v. 11, no. 12)

TT-64-12912

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II. K-H-1729
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Fluctuations in Weight and Moisture Content
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in Relation to Needle and Tree Age, by
M. D. Danilov.
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Prospecting for Oil by Hydrochemical Methods,
by M. S. Kuvěev

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Scientific - Geophysics
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Hormonization of Seeds in Sterile Conditions, by
G. V. Porutskii.

RUSSIAN, per, Dok Ak Nauk SSSR, No 61, 11 Jul 1948,
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USDA Trans 273

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Economic - Agriculture, herbicides

Scientific - Biology, herbicides

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Vol LXI, No 3, 4 pp, Jul 48

"Problem of the Relation of Magnetic Permeability of
Permalloy-Type Alloys to Frequency"

D. M. Alekseyev

G. T. Zatsepin

I. G. Morozov

Available at Brookhaven

See Guide to Russ Sci Per Lit,

Vol 1, No 7, Page 51

11/49T100

DAN Vol 61, no3 Page 457-8

"The Structure of Wide Atmospheric
Showers," Alekseyev, Zaitsev, & Margov

Available in Brookhaven

see Guide to Russian Per Lit

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Adirovich, Ye. I.
THE KINETICS OF CONSECUTIVE REACTIONS (K
Kinetike Posledovatel'nykh Reaktsii). Feb 61 [6]p.
8 refs. RTS 1697.
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151668

(Physics--Solid State, TT, v. 5, no. 8)

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Luminescence
- I. Adirovich, Ye. I.
- II. RTS-1697
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On the Nature of the Ultraviolet Absorption
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A. A. Kachan.

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NLL M.4528

Sci - Phys

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Apr 62

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Peculiarities of the Silicothermal Reduction of Metals.

Brutcher Trans., Order No. 2369, \$3.50

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"Vapor Tension of Silicon Oxide"

P. V. Gel'd,
M. I. Kochnev

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11/49T15

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Vol LXI, No 4, 3½ pp, Aug 48

"Combination of Computing and Analyzing Equipment to
Form a Model With Irreplaceable Items for Use in
Measuring the Dynamic Performance of Complex Systems"

G. L. Polisar

ST-100
Done by RDB
Copy in files

ST-1217

11/49T39

DOK AK NAUK SSSR

Vol LXI, No 4, 3 pp, Aug 48

"Cosmic Ray Showers Which Occur in Thick Lead Plates"

L. N. Korablev

A. L. Lyubimov

A. V. Miller

Available at Brookhaven

See Guide to Russ Sci Per Lit, Vol 1,
No. 7, Page 51

11/49T91

DOK AK NAUK SSR

Vol LXI, No 4, 2½ pp, Aug 48

"Transitional Effect of Cosmic Rays in the Stratosphere"

S. I. Brikker
S. N. Vernov
N. L. Grigorov
I. M. Yevreinova
T. N. Charakhch'yan

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11/49T90

(FDD 27150)

Diffraction of Spherical Electromagnetic Waves
Around a Circular Disc, by R. G. Mirmanov, 6 pp.

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CIA/FDD/U-7937

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Sci - Electronics; Physics

Borzyak, P. G. and Morgulis, N. D.
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61-12055

1. Cathodes (Electron tubes)--
Photoconductivity
2. Photoemission--
Measurement
3. Infrared photoconductors--
Sensitivity
- I. Borzyak, P. G.
- II. Morgulis, N. D.
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(Engineering--Electronic, IT, v. 5, no. 4)

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Gel'd, M. I. Kochnev, 10 pp.

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SLA 59-19127

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Sep 60

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New Method for Measuring the Specific Surface
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R. Fridland, V. Krylova, 10 pp.

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No 4, 1948, pp 653-656.

S.L.A. Tr No R-397

Sci - Physics
Apr 57

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Effect of Volume Layering on the Shape of the Adsorption
Isotherms of Surface-Active Substances from the Gas
Phase and from Liquid Solutions, by A. V. Kiselev.

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1948, pp 657 - 660.

AEC Tr 1075

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RT-2021

Dec 1951 CTS

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(1948)

On the Contact - Angles of Small Droplets

I. Petricanov +
N. RozenblumDone by Prof Res Bd,
Canada

AEC Trans - 272

Brookhaven

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Cement, by P. P. Budnykov and Z. S. Kosvireva,
4 pp.

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Sci - Chemistry

Wave-like Distribution of the Mitotic Activity
During the Cleavage of *Mesochorus Militaris*
Hymenoptera, by O. M. Ivanova-Kagans.

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Sci - Biol
Apr 62

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Mutations Under the Influence of Unsaturated
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C. S. I. R. O. T4513

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RT-856

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Scientific - Physics

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"Electric Theory of the Adhesion (Attachment) of Film
to Solid Surfaces"

B. V. Deryagin, N. A. Krotova

AEC/BNL/Tr 115

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Vol LXI, No 5, 4 pp, Aug 48

"Does the Mediator of Nerve Irritation Act Opsonically on
Phagocytes?"

N. V. Puchkov

D-26

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Ivanov, A. V. 1948
On the metamorphosis of the parasitic mollusc
Parauteraxenos
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Transl. for MTC, 1970, Avail. MTC no. 70-11860-060,
price HC \$7.60 MF \$5.80.

Original Article Checked.....*MR*

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Criterion for the Incidence of Break-Away
Cavitation on a Cylindrical Profile, by K. K.
Smal'nev.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol
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DRB T.150.R

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The Electric Double Layer, by V. I. Gol'danskii.

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Aug 54

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1949

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Dicarboxylic Amino Acids in
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V. L. Kretovich and A. A. Bundel'

Proj 6494

A-1459.1 (h)

SR 62/100

Formulas Relating the Heat Producing Capacity of Fuel
with its Elementary Composition, by E. V. Rakovskiy,
N. A. Kovalenko, 6 pp.

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Sci Tr Center RT-618

Scientific - Chemistry

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The Effect of Adenine and Nicotinic Acid on the
Growth and Productivity of Cotton, by Yu. V.
Rakitin, K. E. Ovcharov. UNCL

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DSIR LLU H.1297

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Sci - Chem; Biol

Apr 60

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Use of Associated Co-ordinates in Non-Relativistic
Mechanics, by A. L. Zel'manov.

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HLL N 5164

Sci - Phys
May 63

229,559

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Vol LXI, No 6, 2 pp, 1948

"Several Features of Superconductive Transition"

A. A. Galkin

B. G. Lazarev

AEC tr. 103

35/49T83

DOK AK NAUK SSSR Vol LXI, No 6, 4 pp, 1948

"Completeness of the System of Phi Functions [Phi (nx)]

Translated in GB
TPA3/TLB
Translation 3716
IA, May 1950, P. 98

35/49T51

62-10584

I. Annaev, R. G.

Annaev, R. G.
ON THE MEASUREMENT OF THE ELECTRIC
RESISTANCE AND THERMAL EMF IN A LONGI-
TUDINAL MAGNETIC FIELD IN AN Ni_3Mn ALLOY
AS A FUNCTION OF THE QUANTITY OF ORDERED
PHASE. [1961] 6p. 10 refs.
Order from OTS or SLA \$1.10

62-10584

Trans. of Akademiya Nauk SSSR. Doklady, 1948,
v. 61, no. 6, p. 1009-1012.

DESCRIPTORS: *Nickel alloys, *Manganese alloys,
Alloys, *Magnetic fields, Resistance, Thermodyna-
mics, Magnetic effects, Galvanometers, Electrical
properties, Measurement, Temperature, Phase
studies.

(Metallurgy, TT, v. 7, no. 10)

Office of Technical Services

Angular Distribution of Cosmic Ray Particles in
the Stratosphere, by S. N. Vernov, A. N. Kulikov.

RUSSIAN, thrice-mo per, Dok Ak Nauk, Vol. LXI,
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AEC Tr No. 2109
Def Sci Info Sv
DRB T.158.R.

Sci Mus Lib

55/1724

Astronomy

Scientific - ~~Geography~~

Feb 55 OTS/DEK

21, 105

Formation of Cosmic Ray Showers Under Thick Lead
Filters at Various Altitudes, by L. V. Kurnosova,
B. A. Shulink, 7 pp.

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Sci Trans Center RT-100

Also REC Tr 164

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Jan 54 CTS

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The Mechanism of Synthesis of Hydrocarbons From
Carbon Monoxide and Hydrogen, by A. N. Bashkirov,
Y. B. Kryukov, Y. B. Kagan, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXI, No 6,
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ATB-RJ21

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Jun 59

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